1970

IRRIGATED BARLEY SINGLE CROPPED IN KING'S COUNTY
UNDER WEST SIDE FARMING CONDITIONS

COST ANALYSIS WORK SHEET

Based on a yield of 4000 lbs. per acre. Man labor at $1.90 per hour total and equipment operator $2.10. Heavy Crawler tractor per hour cash costs $3.20, depreciation $1.90 and interest 90 cents.

Sidney W. Kite, Farm Advisor  Edward Yearly, Farm Advisor - Statewide

<table>
<thead>
<tr>
<th>SAMPLE COSTS</th>
<th>MY COSTS</th>
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<tbody>
<tr>
<td></td>
<td>Per</td>
</tr>
<tr>
<td></td>
<td>Acre</td>
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Pre-Harvest Cash Costs:

Land Preparation: Disc 2X and 1/3 cost of hand planning; 2X: total 3 1/4 hr.

- man and tractor $ 4.20

Fertilizer: 1/8 hr. man and tractor plus 50 cents acre rent for injector rig 1.20

Fertilizer: 100 lbs. "N" at 4 1/2 cents 4.50

Irrigation: Annual average cost 4.00

Pre-Irrigate: Water, 1/2 acre ft. at 10 cents 15.00

- Labor: 1 hour 1.90

- Disc 2X and seed bed preparation 1/6 hour man and tractor .93

- Plant: 2 men and 1/8 hr. tractor .75

- Seed: 50 lbs. at 4 cents 3.20

- Irrigate: 6" water at $10.00 5.00

- Labor: 1/2 hour .95

- Broadleaf weed Control: Air application 1.50

Material .60

Miscellaneous, including labor and 1/3 hour man and tractor, and materials 2.45

- County Taxes (estimate) 9.00

- Repairs, except tractor 1.75

- Office, Car, Insurance, Business Costs, etc. 3.45

TOTAL PRE-HARVEST CASH COSTS $ 60.38 $ 1.51

Harvesting Costs:

- Custom Combine: $5.00 per acre plus 10 cwt. cwt. over first 1000 lbs/acre $ 8.00

- Hauling: $2.00 ton 4.00

TOTAL HARVESTING COSTS $ 12.00 $ .30

TOTAL CASH COSTS $ 72.38 $ 1.81

Depreciation:

Equipment and facilities except tractor: Cost $40.00, 10 yr. life $ 4.00

- Tractor: 1 1/2 hrs. at $1.90 2.85

TOTAL DEPRECIATION $ 6.85 $ .17

Interest on Investment at 7 1/2%

Equipment and facilities except tractor: 1/2 cost $20.00 $ 1.40

- Tractor: 1/2 hrs. at 50 cents 1.35

- Liner: $500.00 35.00

TOTAL INTEREST ON INVESTMENT $ 37.75 $ .24

TOTAL COST OF PRODUCTION $116.98 $ .41

(Over)
**IRRIGATED BARLEY SINGLE CROPPED IN KINGS COUNTY UNDER WEST SIDE FARMING CONDITIONS**

**COST ANALYSIS WORK SHEET**

<table>
<thead>
<tr>
<th>YIELD: POUNDS PER ACRE</th>
<th>2000</th>
<th>3000</th>
<th>4000</th>
<th>5000</th>
<th>6000</th>
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<tbody>
<tr>
<td>CASH AND DEPRECIATION COSTS</td>
<td>$3.76</td>
<td>$2.57</td>
<td>$1.98</td>
<td>$1.62</td>
<td>$1.39</td>
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<tr>
<td>TOTAL COST PER CWT.</td>
<td>$5.65</td>
<td>$3.83</td>
<td>$2.92</td>
<td>$2.38</td>
<td>$2.02</td>
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UC Cooperative Extension